

UIPE JC73  
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PATENT & TRADEMARK OFFICE

US Patent Application  
Title: Thermal Ribbon Cartridge Or Roll With  
Slack Ribbon Retraction  
WELSH & KATZ, LTD.  
Docket No. 7887-87286D1 Sheet 1 of 4

FIG. 1

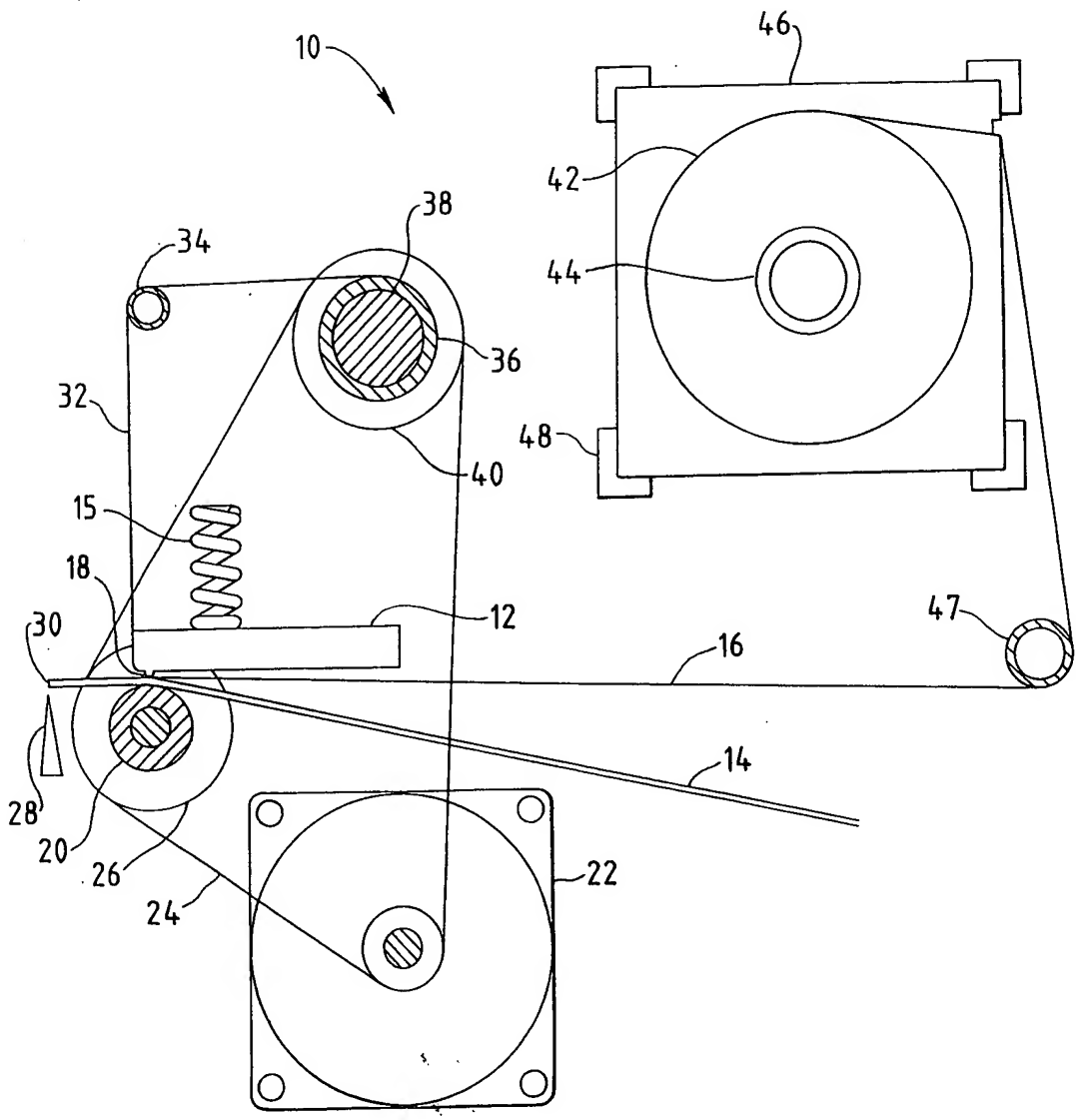


FIG. 2

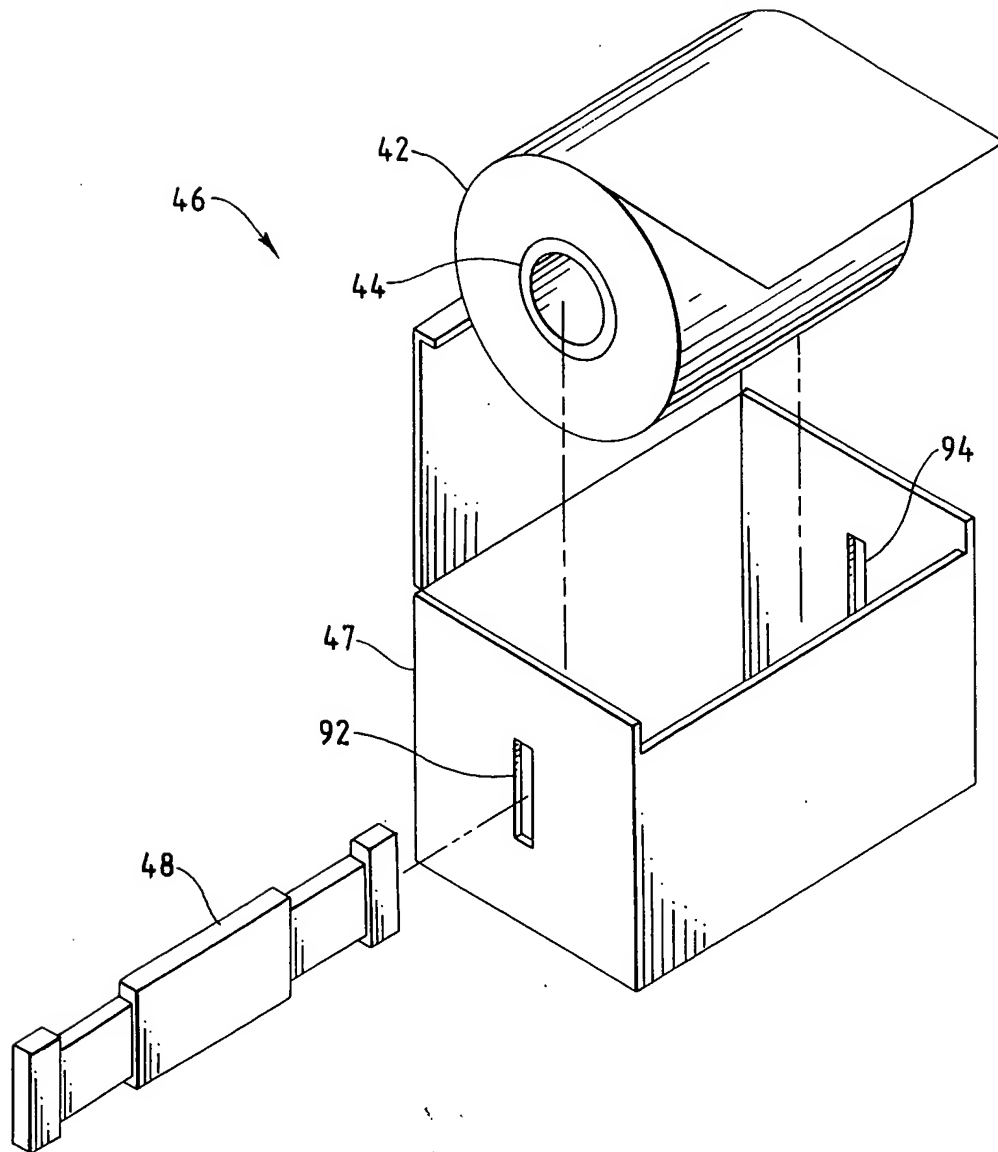


FIG. 3a

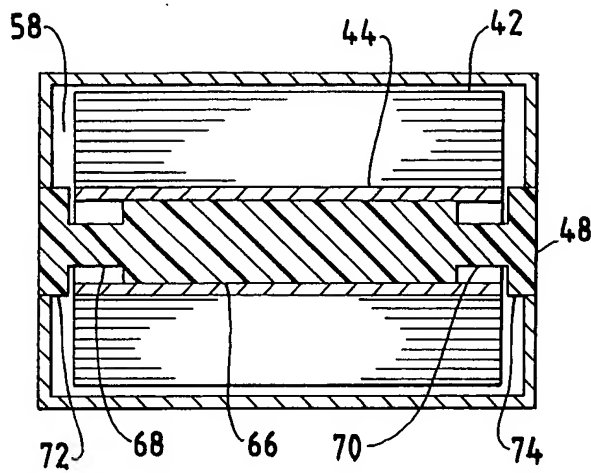


FIG. 3b

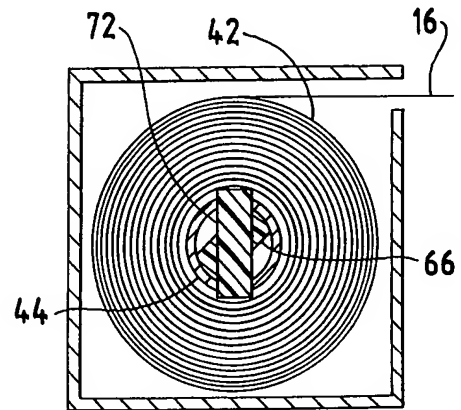


FIG. 4a

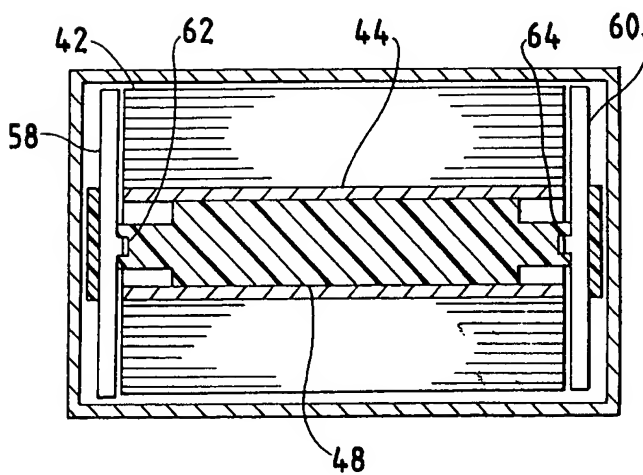
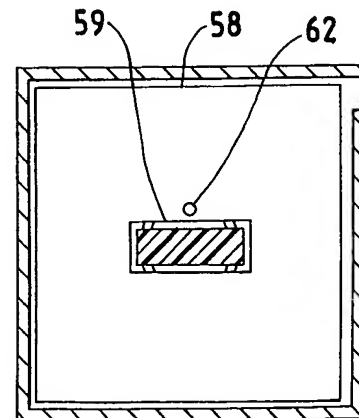
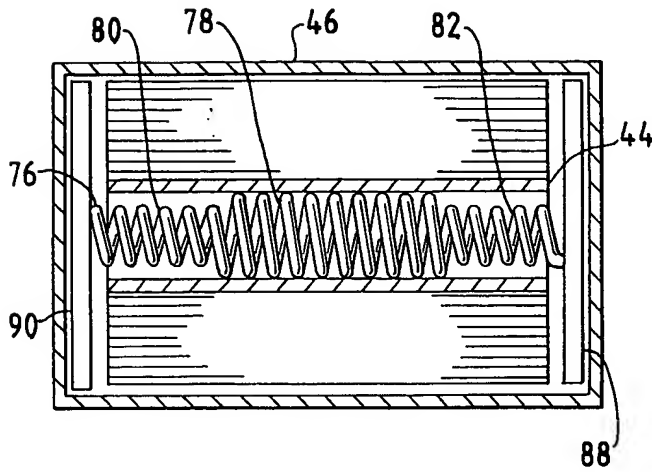


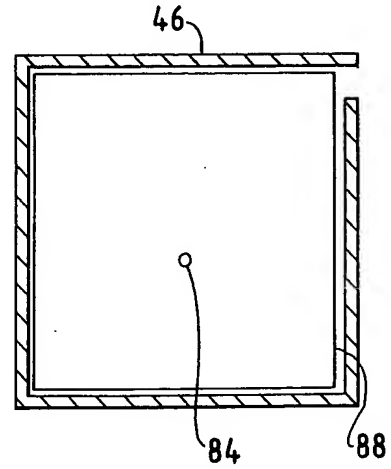
FIG. 4b



**FIG. 5a**



**FIG. 5b**



**FIG. 6**

